

## Data &amp; Rankings

[Sci-Bytes](#)  
[Fast Breaking Papers](#)  
[New Hot Papers](#)  
[Emerging Research Fronts](#)  
[Fast Moving Fronts](#)  
[Corporate Research Fronts](#)  
[Research Front Maps](#)  
[Current Classics](#)  
[Top Topics](#)  
[Rising Stars](#)  
[New Entrants](#)  
[Country Profiles](#)

## About Science Watch

[Methodology](#)  
[Archives](#)  
[Contact Us](#)  
[RSS Feeds](#)



Johns Hopkins Univ.

[+enlarge](#)

## Epigenetics Research, the Top 20 Institutions

A featured institution selection from *Essential Science Indicators*<sup>SM</sup>

This month, ScienceWatch.com presents a listing of the top 20 institutions which, according to our Special Topic on **Epigenetics**, attracted the highest total citations to their papers published on the topic in **Thomson Reuters-indexed journals**.

These institutions are the top 20 ranked by total cites out of a pool of 4,877 institutions publishing on this topic, based solely on the keyword "epigenet\*" in the titles, abstracts, and keywords sections of papers.

The resulting list of institutions shows that epigenetics is of international interest, and extends from universities to government organizations and the private sector. Fourteen of the institutions are US-based, four hail from the UK, and one is from Austria.

Johns Hopkins University tops the list, with 347 papers cited a total of 21,385 times—over 10,000 more citations than the next institution on the list. Their ranking comes as no surprise when one sees that the top two slots on our scientists listing belong to Johns Hopkins researchers **Stephen Baylin** (see also) and **James Herman**. More than half of the citations for Johns Hopkins are due to these scientists, both of whom have talked with *ScienceWatch.com* in the past about their work.

Coming in at #2 is Harvard University, with 307 papers cited a total of 10,614 times. Epigenetic control of gene expression, epigenetics in mammalian development, and epigenetics in cancer are just a few of the topics from Harvard's researchers that are being cited.

The National Cancer Institute of the US claims the third spot, with 284 papers cited a total of 8,250 times. Shiv Grewal's papers on DNA methylation and heterochromatin are among the top-cited papers for this institution. Other hot research areas include cancer pathogenesis, the role of DNA methylation in health and disease, and tumor phenotypes.

The #4 slot belongs to the University of Southern California, with 114 papers cited 7,355 times. USC's top two papers, with cites in excess of 1,000 each, have as their lead author Peter Jones. He and Johns Hopkins coauthor Stephen Baylin spoke with *ScienceWatch.com* about their paper, "The fundamental role of epigenetic events in cancer," (*Nat. Rev. Genet.* 3[6]: 415-28, June

The full list of the top 20 institutions in epigenetics by total cites is as follows:



From Johns Hopkins  
Stephen Baylin

The top 20 institutions in the Special Topic of Epigenetics				
Rank	Institution	Citations	Papers	Citations Per Paper
1	JOHNS HOPKINS UNIV	21385	347	61.63
2	HARVARD UNIV	10614	307	34.57
3	NCI	8250	284	29.05
4	UNIV SO CALIF	7355	114	64.52
5	UNIV VIRGINIA	6588	45	146.40
6	UNIV CAMBRIDGE	5676	155	36.62
7	MIT	5573	87	64.06
8	VIENNA BIOCTR	5424	25	216.96
9	UNIV CALIF SAN FRANCISCO	5286	146	36.21
10	BABRAHAM INST	5285	81	65.25
11	UNIV CALIF LOS ANGELES	4907	120	40.89
12	UNIV PENN	4835	144	33.58
13	UNIV EDINBURGH	4763	70	68.04
14	UNIV BIRMINGHAM	4349	105	41.42
15	WASHINGTON UNIV	4253	106	40.12
16	COLD SPRING HARBOR LAB	4226	65	65.02
17	UNIV TEXAS HLTH SCI CTR HOUSTON	3939	152	25.91
18	OHIO STATE UNIV	3926	152	25.83
19	UNIV WASHINGTON	3793	104	36.47